

# Thermal Interface Material



## 86/200



- Super soft material
- Double Layer
- Good electrical insulation

## Applications

- Lighting
- Appliances
- Automotive
- Control units
- Larger applications

## Options

- Available with one side adhesive coating as 86/200K
- Other thicknesses maybe available, subject to minimum order quantities

The data provide engineering guidance, performance in actual applications should be established through testing.

Properties	Unit	86/200
Color		Pink / Yellow
<b>Thermal Properties</b>		
Thermal Conductivity	W/mK	1.0
Thermal Resistance	K/W	1.2
<b>Electrical Properties</b>		
Breakdown Voltage $U_{d; ac}$	kV	8
Dielectric Breakdown $E_{d; ac}$	kV/mm	16
Volume Resistivity	$\Omega m$	$1.0 \times 10^{11}$
Dielectric Constant $\epsilon_r$		3.9
Dielectric Loss factor $\tan \delta$		$1.5 \times 10^{-3}$
<b>Mechanical Properties</b>		
Hardness	Shore 00	10-20
Young's Modulus	N/cm <sup>2</sup>	22
<b>Physical Properties</b>		
Application Temperature	°C (°F)	-60 to +200 (-76 to +392)
Density	g/cm <sup>3</sup>	1.61
Total Mass Loss (TML)	%	<0.22
Flame rating	UL-94	V-0
Standard Thickness	mm (inch)	0.5, 1, 1.5, 2, 2.5, 3, 3.5, 4, 4.5, 5 (0.02, 0.04, 0.06, 0.08, 0.1, 0.12, 0.14, 0.16, 0.18, 0.02)

